

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims:

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1. (Currently Amended) A method for controlling a power state of an autonomous subsystem, comprising:
receiving from the subsystem a message; and
setting the power state of the autonomous subsystem based on the message.
 2. (Original) The method according to claim 1, wherein the message is selected from the group consisting of a full wakeup, a limited wakeup, a resume previous state, and a status request.
 3. (Currently Amended) The method according to claim 1, wherein setting the power state of the autonomous subsystem based on the message further comprises acknowledging a received subsystem message.
 4. (Currently Amended) The method according to claim 1, wherein receiving from the autonomous subsystem a message is performed without involvement of a main operating system.

5. (Currently Amended) The method according to claim 1, wherein setting the power state of the autonomous subsystem based on the message is performed without involvement of a main operating system.

42 6. (Withdrawn)

7. (Withdrawn)

8. (Withdrawn)

9. (Withdrawn)

10. (Withdrawn)

11. (Withdrawn)

12. (Currently Amended) A machine-readable medium having stored thereon instructions, which when executed by a processor, causes said processor to perform the following:

receive input signals;

communicate with an autonomous subsystem;

determine a desired power state for the autonomous subsystem based upon received input signals and communications with the autonomous subsystem; and

communicate to the autonomous subsystem the desired power state.

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13. (Original) The machine-readable medium according to claim 12, wherein receive input signals comprises receiving a user initiated signal, or receiving a signal indicative of remaining battery capacity, or a combination of receiving a user initiated signal and receiving a signal indicative of remaining battery capacity.

14. (Currently Amended) The machine-readable medium according to claim 12, wherein communicate with an autonomous subsystem further comprises the autonomous subsystem to acknowledge a communication received.

15. (Currently Amended) A system, comprising:

an power state controller having an input port, an output port, and a communications channel;

a user input coupled to the power state controller input port;

an energy monitor signal coupled to the power state controller input port;

and

an autonomous subsystem coupled to the power state controller output port and the power state controller communications channel.

16. (Original) The system of claim 15, wherein the user input is a switch to turn the system on and off.

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17. (Original) The system of claim 15, wherein the energy monitor signal is indicative of a remaining battery capacity.

18. (Currently Amended) An apparatus for controlling subsystem power, comprising:

means for receiving input signals;

means for communicating with an autonomous subsystem;

means for determining a desired power state for the autonomous subsystem based upon the received input signals and communications with the autonomous subsystem; and

means for communicating to the autonomous subsystem the desired power state.

19. (Original) The apparatus of claim 18, wherein means for receiving input signals comprises means for receiving a user initiated signal, or means for receiving a signal indicative of remaining battery capacity, or a combination of

means for receiving a user initiated signal and means for receiving a signal indicative of remaining battery capacity.

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20. (Currently Amended) The apparatus of claim 18, wherein means for communicating with an autonomous subsystem further comprises means for the autonomous subsystem to acknowledge a communication received.

21. (Currently Amended) A computer based system, comprising:
an energy source;
a monitoring device coupled to the energy source and providing a signal indicative of remaining energy capacity;
a power state controller coupled to the signal indicative of remaining energy capacity;
an autonomous subsystem coupled to the power state controller; and
a communications link coupling the power state controller to the autonomous subsystem.

22. (Currently Amended) The computer based system according to claim 21, wherein the communications link coupling the power state controller to the autonomous subsystem comprises a link having lower bandwidth than a ~~main~~ system bus in the computer based system.

23. (Original) The computer based system according to claim 21, wherein the
communications link is operable without the use of a main operating system.
